

CLAIMS

What is claimed is:

- 1 1. A method, including:
2 reserving access for a source device included in a plurality N of source
3 devices to N-1 logical channels accessible by a set of target devices included in
4 the plurality of source devices by creating a static map, wherein N is a positive
5 integer.
- 1 2. The method of claim 1, further including:
2 storing at least a portion of the static map in a memory.
- 1 3. The method of claim 1, further including:
2 changing the static map responsive to an indication received from one of an
3 entity selected from the source device, a target device included in the set of
4 target devices, a device controller, a software program, an embedded device, an
5 external device, and a memory controller.
- 1 4. The method of claim 1, further including:
2 sending a message having an indication of the N-1 logical channels from the
3 source device to at least one of the target devices included in the set of target
4 devices.
- 1 5. The method of claim 1, further including:
2 designating the identity of the source device within the plurality of source
3 devices using an arbitration scheme.
- 1 6. The method of claim 1, further including:
2 setting a channel by a target device included in the set of target devices; and

3 clearing the channel by the target device.

1 7. The method of claim 1, further including:

2 requesting allocation of a channel from the source device by a target device
3 included in the set of target devices; and
4 granting the allocation of the channel to the target device by the source
5 device.

1 8. The method of claim 1, further including:

2 booting the source device after the reserving.

1 9. An article including a machine-accessible medium having associated

2 information, wherein the information, when accessed, results in a machine
3 performing:

4 reserving access for a source device included in a plurality of N source
5 devices to N-1 logical channels accessible by a set of target devices included in
6 the plurality of source devices by creating a static map.

1 10. The article of claim 9, wherein the machine-accessible medium further

2 includes information, which when accessed by the machine, results in the
3 machine performing:

4 storing the static map in a memory coupled to the source device.

1 11. The article of claim 9, wherein the machine-accessible medium further

2 includes information, which when accessed by the machine, results in the
3 machine performing:

4 determining a need for a channel by a target device included in the set of
5 target devices; and

6 setting the channel by the target device.

- 1 12. The article of claim 11, further including:
2 allowing the setting of the channel by the source device.
- 1 13. The article of claim 11, further including:
2 disallowing the setting of the channel by the source device.
- 1 14. An apparatus, including:
2 a source device included in a plurality N of source devices having access to
3 N-1 logical channels accessible by a set of target devices included in the
4 plurality of source devices according to a static map.
- 1 15. The apparatus of claim 14, wherein the static map may be altered
2 dynamically by one of an entity selected from the source device, a target device
3 included in the set of target devices, a device controller, a software program, an
4 embedded device, an external device, and a memory controller.
- 1 16. The apparatus of claim 14, wherein the static map further includes:
2 a channel map to map a subset of the N-1 logical channels to a set of
3 channels accessible to a target device included in the set of target devices.
- 1 17. The apparatus of claim 14, further including:
2 a memory to store the static map.
- 1 18. The apparatus of claim 14, wherein the source device is selected from one of
2 a personal digital assistant, a desktop computer, a laptop computer, a cellular
3 telephone, a device capable of communicating over a wireless local area
4 network (WLAN), a software module, a hardware module, an applications
5 subsystem, and a communications subsystem.

1 19. A system, including:
2 a plurality N of source devices having access to N-1 logical channels
3 accessible by a set of target devices included in the plurality of source devices
4 according to a static map; and
5 an omnidirectional antenna coupled to at least one of the plurality of source
6 devices.

1 20. The system of claim 19, wherein the static map further includes:
2 a channel map to map a first subset of the N-1 logical channels to a set of
3 channels accessible to a first target device included in the set of target devices.

1 21. The system of claim 20, wherein the channel map is to map a second subset
2 of the N-1 logical channels not including the first subset of logical channels to a
3 set of channels accessible to a second target device included in the set of target
4 devices.

1 22. The system of claim 19, further including:
2 a transceiver included in at least one of the target devices; and
3 an energy conduit to couple at least one of the source devices to at least one
4 of the target devices.

1 23. The system of claim 22, wherein the energy conduit comprises a multi-drop
2 link.

1 24. The system of claim 19, wherein the plurality of source devices N are
2 included in a single physical device.

1 25. An apparatus, including:
2 a source device included in a plurality N of source devices having access to
3 N-1 logical channels accessible by a set of target devices included in the

4 plurality of source devices according to a static map, wherein the static map
5 further includes a channel map to map a subset of the N-1 logical channels to a
6 set of channels accessible to a target device included in the set of target devices;
7 and
8 a memory to store the static map, wherein the source device is selected from
9 one of an applications subsystem and a communications subsystem.

1 26. The apparatus of claim 25, further including:
2 a multi-drop link to couple the plurality N of source devices to the set of
3 target devices.

1 27. The apparatus of claim 26, wherein the plurality N of source devices are
2 included in a single physical device.